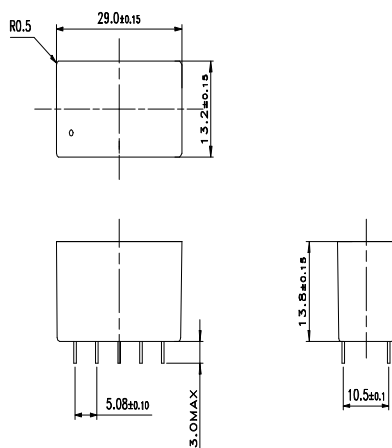




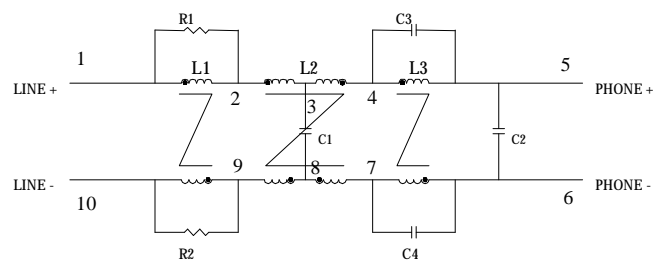
- ★ **Compact package, Small THT for ease of installation**
- ★ **Design for G.dmt Application**
- ★ **100 mA DC Loop Current Capacity**

<b>Specifications</b> (Operating Temperature 0~85°C, Relative Humidity 20~90%)			
POTS Port Impedance	270Ω+(750Ω //150nF)	DC Resistance each line	25 Ω Max
Insertion Loss @1KHz	-1.1dB Max	Return Loss 300Hz~3.4KHz	-12 dB Min
Insertion Loss Distortion (dB)		3.4KHz~4KHz	-8 dB Min
200Hz~4KHz @Ref 1KHz	+/- 1 dB	Isolation resistance tip/ring	5MΩ Min
Attenuation @32K~150KHz	-45dB Min	POTS trip and ring DC Voltage	0-105V
150K~1104KHz	-55dB Min	Longitudinal Balance 50 ~600Hz	-40 dB Min
Delay Distortion @0.2-0.6KHz	250uS Max	0.6KHz~3.4KHz	-46 dB Min
@0.6-3.2KHz	200uS Max	3.4KHz~4KHz	-40 dB Min
@3.2-4KHz	250uS Max	4KHz~30KHz	-40 dB Min
		30KHz~1104KHz	-45 dB Min

### Dimension



### Schematic



Data sheet subject to change without notice

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 Lin-Kung Proc. Zone, Kaohsiung, Taiwan, R.O.C.  
 TEL:886-7-8153618 Fax:886-7-8150747 sales@www.magcom.com.tw ASM270(11/2003) RevA

Operating temperature: ETS300 019,class3.2  
Long time operation guarantee temperature (5 - 40°C)  
Short time operation guarantee temperature (0 - 50°C)

Storage and transport: MIL-STD-202 method 107/QC-0-20  
Low and High ambient temperature (-20°C and +85°C)

Operation humidity:  
Long time operation guarantee humidity (5 – 85%)  
Short time operation guarantee humidity (5 – 90%)  
Short time: within 72 continuous hours and 15 day in a year

Visual / Mechanical Examination: QC-0-12 & QC-0-22  
By Visual Examination or by using X-Ray , Microscope etc. to Examine sample

Thermal Shock: MIL-STD-202 method 107 / QC -0-20  
-20°C -- +85°C 5 cycles (25,50,100 cycles for D.V.T.)

Temperatuer humidity Exposure: MIL-STD-202 method 103 / QC -0-11  
+50°C / 95 RH , 96 hrs (168 , 500 hrs for D.V. T.)

Vibration Test : ISTA PROJECT 2A / QC-0-21  
Random Vibration / Overall :  
1.15g rms , Freq (Hz) : 1 - 4 - 100 – 200  
PSD(g<sup>2</sup>/Hz): 0.0001 – 0.01 – 0.01 – 0.001  
Test Axis / Time: top / 30 mins  
Bottom / 10 mins X axis :10 mins , Y axis :10 mins